Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 21 Aug 2023 until 23:59 on Tuesday 22 Aug 2023

Forecast Issued on Monday 21 Aug 2023 at 00:08

Confidence: High confidence for more settled conditions in the coming days. Lower confidence for shower and cloud details, especially Wednesday and Thursday.

Headline for Monday 21 Aug 2023: Low cloud lifting and breaking, then bright or sunny spells and showers, with windy conditions along the tops.

Mountain weather hazards on Monday 21 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
20%	20%	20%	20%	20%	20%

Forecast for Monday 21 Aug 2023

Weather: Low cloud likely shrouding the majority of the summits to start the day. Cloud then lifting through the morning with breaks developing across the area, particularly further east. Drizzly outbreaks possible at times across western hills at first, with a risk of a few scattered showers developing across the area from mid-morning, dying out during the evening. Low cloud then perhaps returning across the majority of tops into the evening, with a low risk of a spell of rain.

Chance of cloud-free hill tops above 600m: 40% rising to 90%

Low Cloud and visibility: Areas of cloud overnight with bases 400-500m, most extensive in the west, lifting towards 600-700m by midday. Cloud should break during the afternoon, particularly to the north and east, although patchy cloud of around 600m may still affect the most western hills. Visibility poor or very poor in any cloud covering the hills, but becoming largely good or very good through the morning.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Monday 21 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/22 S	18/25 S	21/31 SW	22/32 SW	22/32 SW	21/32 SW	22/32 SW
300	5/12 S	10/19 S	14/28 SW	15/31 SW	14/29 SW	13/29 SW	14/29 SW
Valley	8/19 S	10/21 S	13/27 SW	15/30 SW	12/27 SW	11/26 SW	12/27 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	12/9	14/11	14/11	14/10	12/9	12/8
300	12/12	15/14	17/14	17/15	16/14	15/12	14/12
Valley	15/14	16/15	18/16	19/16	18/16	16/15	16/14
Freezing Level*	2500m	2500m	2500m	2500m	2500m	2500m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling breezy at times along the tops. Low cloud initially across summits may lead to difficulty in navigation. Strong UV levels likely from around midday as cloud breaks begin to develop, so sun protection is recommended.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 21 Aug 2023	0mm	1mm	14.8mm

Forecast for Tuesday 22 Aug 2023

Weather: Rather cloudy during the morning, with some outbreaks of showery rain possible, but cloud will tend to break up during the afternoon, with lighter and more isolated showers. Dry with some clear spells during the evening. Windy at first, gradually easing.

Maximum wind: Southwesterly 30mph gusting 40mph.

Chance of cloud-free hill tops above 600m: 20% at first, increasing to 60% in the afternoon

Low Cloud and visibility: Widespread cloud with bases around 400-500m throughout the morning. Bases slowly lifting to above summits through the afternoon, although the highest areas are likely to remain covered. Visibility very poor in cloud, moderate in rain, but becoming good or very good in any breaks during the afternoon.

Temperature: **Valleys:** Plus 14C rising to plus 17C
At 600m: Plus 12C
Freezing level: Above the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.